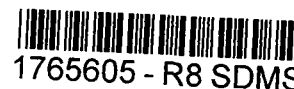


RICO ARGENTINE MINING CO.

A-0107

MINE, MILL AND ACID PLANT

RICO, COLORADO



1765605 - R8 SDMS

March 3, 1972

Mr. Sherman B. Hinckley
Rico Argentine Mining Company
Rico, Colorado

Re: Production Records

Dear Sherman:

The following information has been taken from the records of the Burley Bldg. Basement, which might help the picture of the previous report. This information is strictly assay information with some vague tonnages;

In 1909 the Mill Heads from the Phoenix averaged 5.21 oz/ton Ag, 11.87% Pb, 25.10% Zn, tr Au with no indicated tonnage. From the records they produced a product approximately four times better than the mill heads in lead and twice in zinc. In 1908 from Aug. to Dec., the indicated mine production was tr Au, 7.31 oz Ag, 24.21% Pb, & 27.42% Zn. In 1909 from Jan. to Aug., the indicated mine production was 0.01 oz Au, 7.43 oz Ag, 17.12% Pb, 28.83% Zn. Two assays showed 6.0% Cu.

From July to Sept., 1908 the Yellow Jacket showed 5.59 oz Ag, 12.75% Pb, 27.25% Zn; the Yellow Jacket #3 Tunnel showed 3.49 oz Ag, 12.58% Pb, & 22.34% Zn; the Yellow Jacket #4 Tunnel showed 5.12 oz Ag, 18.01% Pb, & 20.89% Zn. In 1909 the Yellow Jacket #4 Tunnel showed 4.31 oz Ag, 7.11% Pb, & 20.2% Zn.

In 1909, the Pro Patria indicated mill heads were 14.58 oz Ag, 10.74% Pb, & 17.60% Zn. At this same time the Wellington mill heads were 12.71 oz Ag, 15.52% Pb, & 25.25% Zn.

The assays for the Futurity Tunnel in 1907 showed 0.03 oz Au, 2.99 oz Ag, 3.6% Pb, 6.5% Zn, & 0.3% Cu.

RICO ARGENTINE MINING CO.

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RICO, COLORADO

Page 2
3/3/72

In 1908 the Grand View showed an indicated production of 33.08 oz Ag & 50.3% Pb. This was leaser ore, so I would assume the production to be nil.

The Falcon Mine from Dec., 1908 to May, 1909 showed an overall picture of 0.055 oz Au, 9.26 oz Ag, 7.42% Pb, & 2.37% Zn, which included oxidized ore & Quartz vein ore. The copper ore taken from the Falcon Mine assayed as 0.05 oz Au, 11.0 oz Ag, 13.5% Pb, 32.7% Zn, & 4.6% Cu. The assays were very erratic and probably are not representative of the ore.

From April to Aug. of 1908, the Atlantic Cable mill heads were recorded as 4.39 oz Ag, 3.26% Pb, & 12.87% Zn. The indicated assay mill recovery figured about 62%. The mine samples indicated an ore production for 1907 as tr Au, 8.61 oz Ag, 6.15% Pb, & 11.325% Zn, and for 1908 as tr Au, 6.90 oz Ag, 6.815% Pb, & 17.24% Zn.

In 1908 the Shamrock mine indicated a mill head of 3.37 oz Ag, 2.81% Pb, & 10.42% Zn; in 1909 of 4.01 oz Ag, 10.65% Pb, & 16.92% Zn. This ore was milled with the Yellow Jacket, Phoenix, & Atlantic Cable; although, they apparently kept the ore separate.

In 1907, the Shamrock mine samples assayed as 4.42 oz Ag, 8.62% Pb, & 18.95% Zn; in 1908 -- tr Au, 3.72 oz Ag, 4.15% Pb, & 13.66% Zn; in 1909 -- tr Au, 4.01 oz Ag, 2.36% Pb, & 10.04% Zn. The silver values are about the only assays that the mine and mill agree.

In 1907 the Potter Tunnel production was waste rock with the following assay: tr Au, 0.86 oz Ag, tr Pb, tr Zn, & tr Cu. They showed some iron production of 25.3% Fe.

The same information of the Potter Tunnel applies to the Riverside Tunnel for 1907 -- waste rock.

There were no records available for the years of 1910 to and including 1912.

In 1913 from the Shamrock, Atlantic Cable, and other

RICO ARGENTINE MINING CO.

MINE, MILL AND ACID PLANT

RICO, COLORADO

Page 3
3/3/72

(?) mines, they milled approximately 4,511 tons ~~66~~ ore that assayed 6.7 oz Ag, 18.83% Pb, 28.64% Zn. The tonnage and assays are very vague and could not be separated as to what mine the production was derived.

In 1917, the mill (?) shipped 190 railroad cars of crude ore from what I believed was "high-grading" from the mill heads. At this time the gravity mill was a custom mill and probably acted as a broker. The ore originated from the following mines: Shamrock, Atlantic Cable, Wellington, Pro Patria, Argentine, and several small diggings on Newman and Nigger Baby Hills. The bulk ~~66~~ the ore I believe came from the Wellington, Atlantic Cable, Argentine, and Shamrock mines and in that order. The mill graded the shipments into five classes and were probably shipped to various smelters in order to take advantage of the price -- Lead Zinc, Lead Silver, Copper Sulphide, Iron Sulphide, and Zinc Lead shipments.

The following assays were taken from the recorded lot shipments (not settlement sheets). Which records showed assays, car numbers, dates, kind of shipments, but no weights:

Lead-Silver shipments: 17.00 oz Ag, 31.53% Pb, & 9.19% Zn with some shipments showing a trace of copper.

Zinc-Lead shipments: 10.49 oz Ag, 21.01% Pb, & 28.65% Zn.

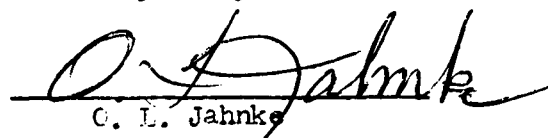
Lead-Zinc shipments: 11.08 oz Ag, 30.57% Pb, & 26.60% Zn.

Copper Sulphide shipments: 10.64 oz Ag, 3.00% Pb & 6.46% Cu, showing no assay for zinc.

Iron Sulphide shipments: records showed 17 cars shipped, no assay, and shipped to Vanadium, (?) Colo. These shipments probably came from the Wellington Mine; although, there were no records showing this fact.

This completes the information which was searched from the Burley Bldg. Basement records.

Yours very truly,


C. L. Jahnke